



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PLICANTS:

Thompson, et al.

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**EXAMINER:** 

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October 19, 2000

GROUP:

2641

ENTITLED:

SYSTEM AND METHOD OF DECODING A PACKED

REPRESENTATON OF MULTIPLE PARSES

## Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on

Ebruary 22,2001

e Smoth

Patrice Smith

## **LETTER TO THE OFFICIAL DRAFTSMAN**

**Box: Official Draftsman** 

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Enclosed are twelve (12) sheets of Formal Drawings. With the approval of the Examiner, please substitute the enclosed formal drawings for the drawings currently on file.

Respectfully submitted, Thompson, et al.

Please send correspondence to:

By

Charles W. Bethards

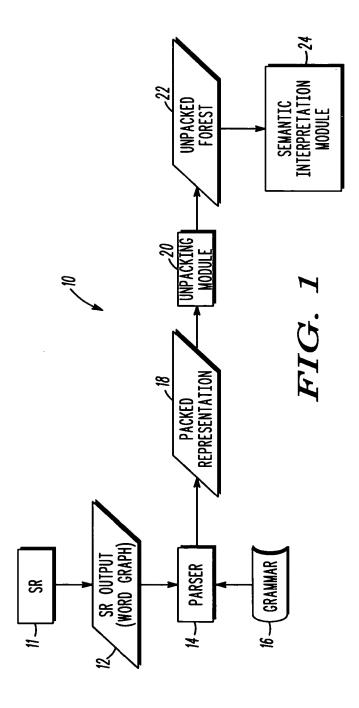
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MOTOROLA, INC. IP Dept./MS E230 5401 N. Beach Street Fort Worth, TX 76137

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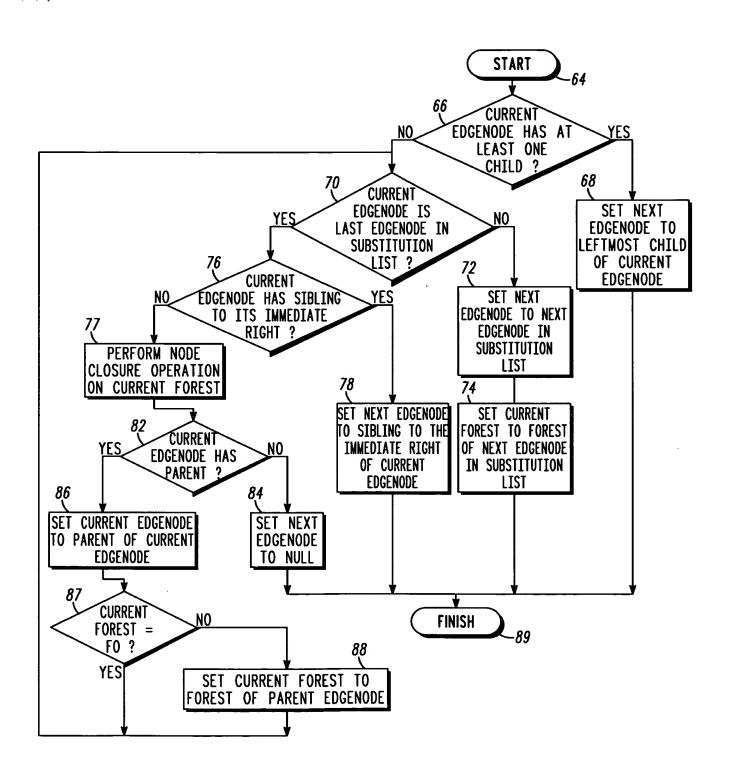


FIG. 3A

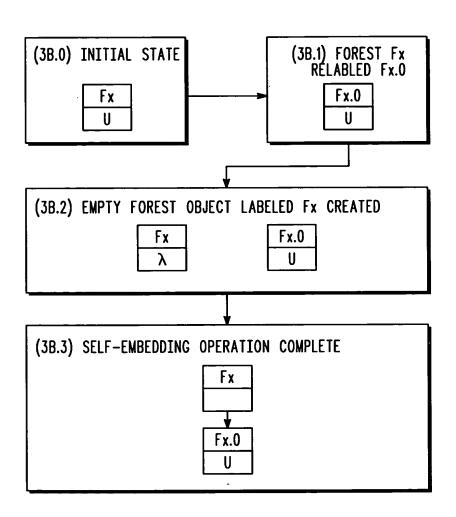


FIG. 3B

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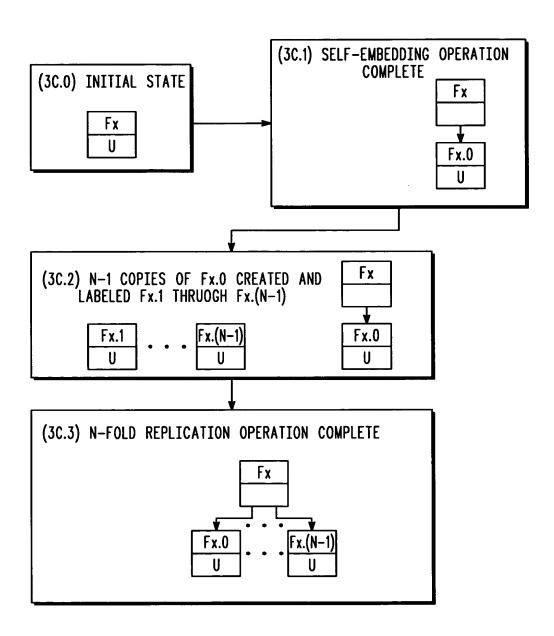
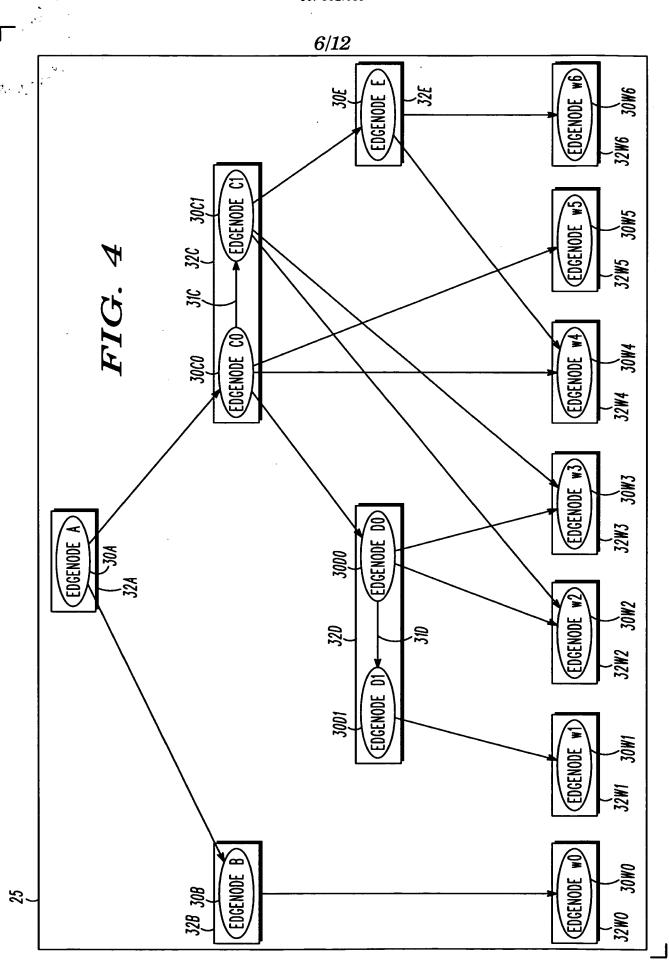
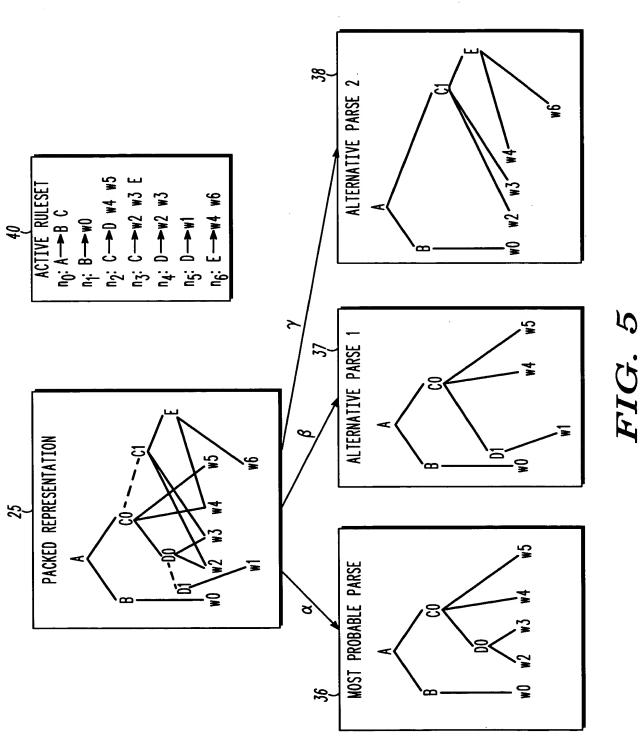


FIG. 3C



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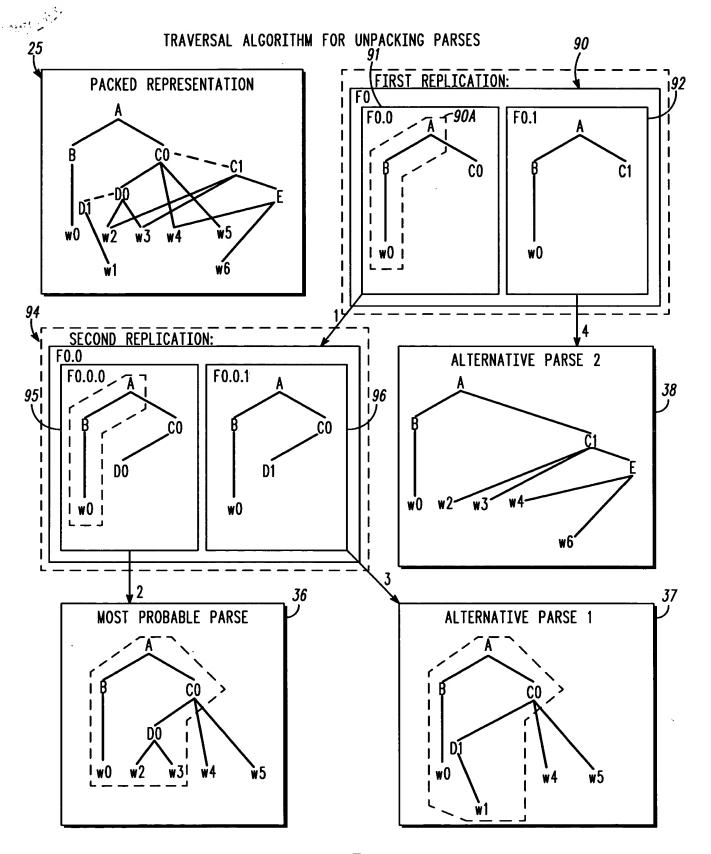


FIG. 6

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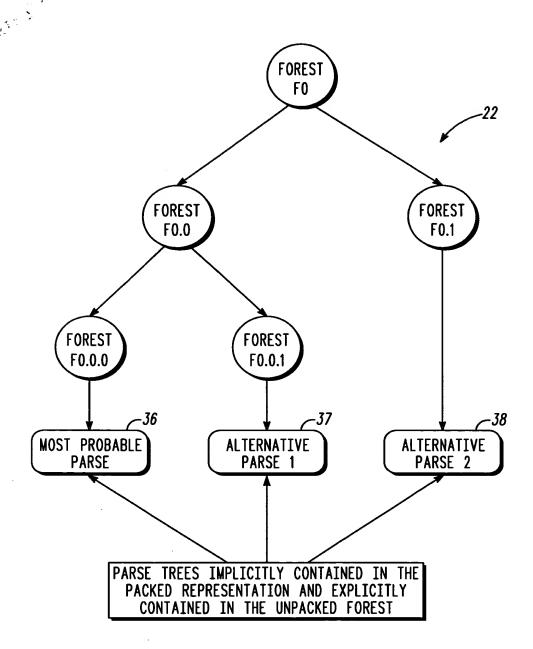
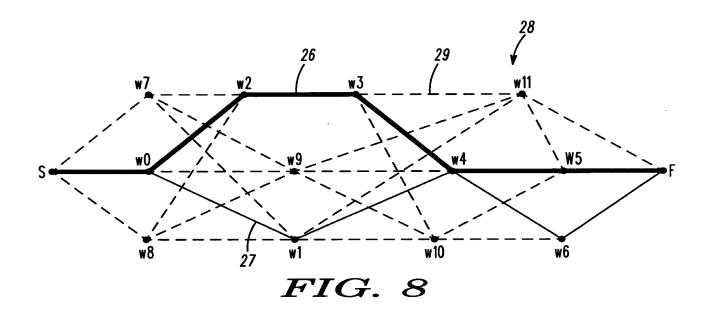
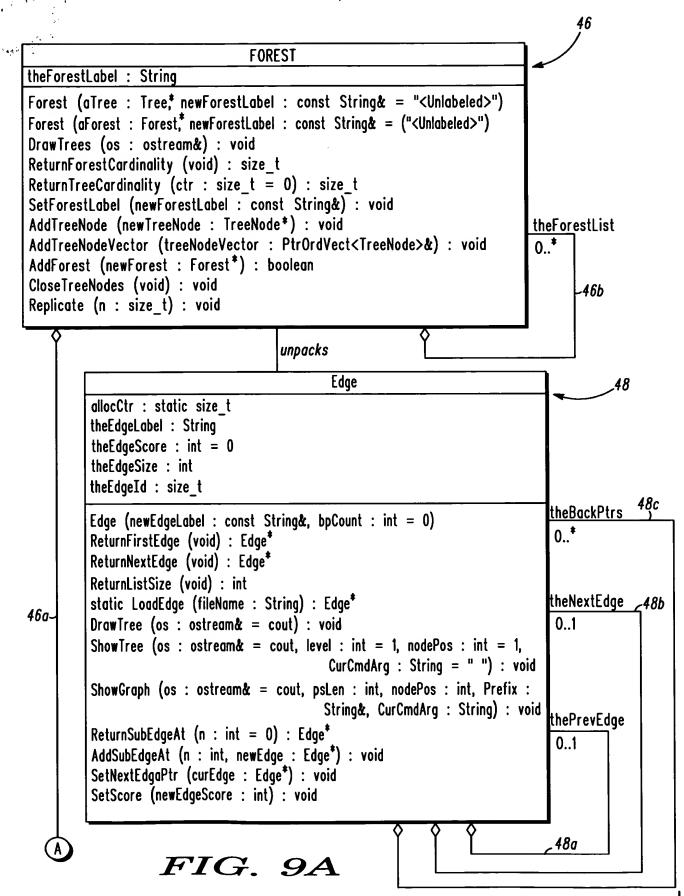


FIG. 7





theTree 0.1 Tree theTreeLabel: String Tree (rootTreeNode: TreeNode\*, newTreeLabel: const String& = "<Unlabeled>") Set(TreeLabel (newTreeLabel : const String&) : void AddTreeNode (newTreeNode : TreeNode\*) : void CloseTreeNode (void): void SetActiveNode (newActiveNode : TreeNode\*) void static BuildTree (treeSpec : const String&) : Tree\* theActiveTreeNode theTreeRoot 42 TreeNode theActiveTreeNode : static TreeNode \* = NULL alloeCtr : static size t = 0theNodeLabel: String theNodeWeight : int theSerialNo : size t theActiveFlag: boolean theTermFlag : boolean TreeNode (newNodeLabel : const String&, isTerminal : boolean, newWeight : int = 0) Activate (void) : void theSubNodeList theDomNode CloseNode (void) : void 0..\* 0..1 static ClearActiveTreeNode (void) : void SetWeight (newWeight : int) : void SetDomNode (newDomNode : TreeNode\*) : void AddSubNode (newTreeNode : TreeNode\*) : void DrawTree (os : ostream&) : void ReturnSubNodeAt (n : int) : TreeNode\* static ReturnActiveTreeNode (void) : TreeNode\* ReturnNodeCount (void) : size t 42a 42b

FIG. 9B